AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A method for manufacturing a solid-state imaging device by sticking adhering a transparent substrate, in which plural a plurality of frame-shaped spacers are formed, via an adhesive to a wafer on which plural solid-state imaging elements are formed, and by dividing the transparent substrate and the wafer for each solid-state imaging element, each of the solid-state imaging elements on the wafer being surrounded by each of the plurality of spacers, the method comprising the steps of:

sticking adhering a transfer member, to which the adhesive is applied, to the spacerplurality of spacers formed on the transparent substrate;

applying pressure to the transparent substrate and the transfer member, which is adhered to the plurality of spacers formed on the transparent substrate; and

releasing the transfer member from the transparent substrate to transfer the adhesive, which is applied to the transfer member, on from the transfer member onto the spacerplurality of spacers formed on the transparent substrate.

2. (original): The method according to claim 1, wherein the transfer member is a rigid body.

AMENDMENT UNDER 37 C.F.R. § 1.111 Application Serial No. 10/807,348

Attorney Docket No. Q80473

3. (original): The method according to claim 2, wherein the transfer member is a glass plate.

- 4. (original): The method according to claim 1, wherein the transfer member is an elastic body.
- 5. (original): The method according to claim 4, wherein the transfer member is a flexible plastic film.
- 6. (original): The method according to claim 5, wherein the transfer member is peeled off such that the angle between the transfer member and the transparent substrate is kept constant.
- 7. (original): The method according to claim 1, further comprising the step of forming a ridge pattern or a recess pattern in the transfer member, the ridge pattern or the recess pattern being the same pattern as the spacers in the transparent substrate.
- 8. (original): The method according to claim 1, further comprising the step of applying a release agent on the surface of the transfer member.
 - 9. (original): The method according to claim 8, wherein the release agent is silicon.

AMENDMENT UNDER 37 C.F.R. § 1.111 Application Serial No. 10/807,348

Attorney Docket No. Q80473

10. (original): The method according to claim 1, further comprising the step of carrying

out surface modification to the surface of the spacer to which the adhesive is applied.

11. (original): The method according to claim 1, wherein the viscosity of the adhesive is

0.1 Pa·S or more when the adhesive is applied to the transfer member.

12. (original): The method according to claim 1, wherein the adhesive is applied to the

transfer member by bar coating, blade coating or spin coating.

13. (original): The method according to claim 1, wherein pressure is applied to the

transfer member and the transparent substrate by air pressure or roller pressure.

14. (original): The method according to claim 1, wherein the viscosity of the adhesive is

100 Pa·S to 10000 Pa·S when the adhesive is transferred to the spacer from the transfer member.

15. (original): The method according to claim 1, wherein the adhesive has the thickness

from 0.5µm to 5.0µm after the adhesive is activated.

16. (original): The method according to claim 1, wherein the spacer is bonded to the

wafer over the surface to which the adhesive is applied.

4

AMENDMENT UNDER 37 C.F.R. § 1.111 Application Serial No. 10/807,348

Attorney Docket No. Q80473

17. (withdrawn): A solid-state imaging device manufactured by the method according to

claim 1.

18. (withdrawn): The solid-state imaging device according to claim 17, wherein the

solid-state imaging element and the inner surface of the spacer are separated by 50µm to 100µm

over the whole edge of the solid-state imaging element.

19. (withdrawn): The solid-state imaging device according to claim 17, wherein the

width of the spacer is 100µm to 500µm.

20. (withdrawn): The solid-state imaging device according to claim 17, wherein

chamfer edges are formed in the surface of the spacer to which the adhesive is applied, the

surplus adhesive is contained in the space between the wafer and the chamfer edges.

21. (withdrawn): A solid-state imaging device that comprises a solid-state imaging

element on a chip wafer, a frame-shaped spacer bounded on the chip wafer via an adhesive, and

a transparent plate on the spacer to seal the solid-state imaging element, the solid-state imaging

element being surrounded by the spacer;

5

AMENDMENT UNDER 37 C.F.R. § 1.111

Application Serial No. 10/807,348

Attorney Docket No. Q80473

wherein the solid-state imaging element and the inner surface of the spacer are separated

by 50 µm to 100 µm over the whole edge of the solid-state imaging element.

22. (withdrawn): A solid-state imaging device that comprises a solid-state imaging

element on a chip wafer, a frame-shaped spacer bounded on the chip wafer via an adhesive, and

a transparent plate on the spacer to seal the solid-state imaging element, the solid-state imaging

element being surrounded by the spacer;

wherein the width of the spacer is 100 µm to 500 µm.

23. (new): The method according to claim 1, further comprising the step of bonding

the wafer to the transparent substrate by pressing the wafer and the plurality of spacers formed

on the transparent substrate, wherein the adhesive transferred from the transfer member onto the

plurality of spacers bonds the plurality of spacers to the wafer.

6